

REMARKS

In light of the above amendments and remarks to follow, entry of this amendment and reconsideration and allowance of this application are respectfully requested.

Claims 1-9 are pending in this application. Claim 10 has been canceled.

Claims 1-3 and 5-7 were rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander (U.S. Patent No. 6,272,120) in view of McKinley et al. (U.S. Patent No. 5,805,834) and Hokkanen (U.S. Patent No. 5,675,628). Claims 4 and 8 were rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander, McKinley, Hokkanen and Hind (U.S. Patent No. 6,772,331). Claim 9 was rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander and McKinley. Claim 10 was rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander, McKinley and Hind.

However, the present claims have been amended to clarify that the present invention is a modification of the Bluetooth communication standard. The present claims now recite:

wherein the radiocommunication network is a short-range Bluetooth network;  
wherein the host device uses the external communication means as a gateway such that the host device only uses the radiocommunication protocol and does not directly use the external communication protocol to connect to the external communication network. (Claims 1, 5, 9)

This feature of the present invention is illustrated by comparing Figures 3 and 4. Figure 3 shows the communication protocol stacks required for a host device 104 in a standard

Bluetooth network to communicate with an external (mobile) network. Importantly, the host device's 104 protocol stack must include the communication protocols (TCP, IP, PPP) for the external network. By contrast, Figure 4 shows the communication protocol stacks required for the host device 3 in a Bluetooth network according to the present invention to communicate with an external (mobile) network. Note that the host device's 3 protocol stack does not include the communication protocols (TCP, IP, PPP) for the external network. This is because the present invention uses the Bluetooth enabled cell-phone 2, whose protocol stack now includes the external communication protocols, as a gateway (bridge). As discussed on page 7 of the Specification, this approach overcomes a significant disadvantage of the original Bluetooth communication standard. Applicants respectfully assert that none of the cited references (Alexander, McKinley, Hokkanen, and Hind) discloses an analogous method of communication with an external network by a Bluetooth device. Accordingly, for at least this reason, any combination of Alexander, McKinley, Hokkanen, and Hind fails to obviate the present invention and the rejected claims should now be allowed.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue.

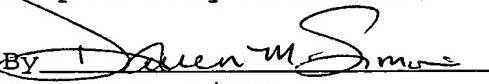
If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that the Examiner telephone applicant's attorney at (908) 654-5000 in order to overcome any additional objections which the Examiner might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095.

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Respectfully submitted,

By



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